

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090120\
 Data File : VX018204.D
 Acq On : 01 Sep 2020 19:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:09 PM

Quant Time: Sep 02 04:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	412439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	653408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294460	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	5.46	113	228152	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	8.70	98	812172	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.12	95	336593	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	253781	50.539	ug/l	97
3) Chloromethane	1.31	50	250424	47.302	ug/l	98
4) Vinyl Chloride	1.39	62	244683	46.429	ug/l	100
5) Bromomethane	1.62	94	146781	57.744	ug/l	99
6) Chloroethane	1.70	64	144095	50.908	ug/l	98
7) Trichlorofluoromethane	1.91	101	404514	56.291	ug/l	95
8) Diethyl Ether	2.17	74	125062	51.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202981	52.248	ug/l	97
10) Methyl Iodide	2.49	142	225034	53.702	ug/l	99
11) Tert butyl alcohol	3.03	59	282399	253.663	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197736	49.059	ug/l	98
13) Acrolein	2.28	56	114895	248.897	ug/l	99
14) Allyl chloride	2.70	41	361925	49.980	ug/l	98
15) Acrylonitrile	3.12	53	638151	252.697	ug/l	99
16) Acetone	2.42	43	564975	253.229	ug/l	95
17) Carbon Disulfide	2.55	76	561498	46.083	ug/l	100
18) Methyl Acetate	2.75	43	302808	56.244	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	723437	52.337	ug/l	100
20) Methylene Chloride	2.83	84	232920	51.083	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	221716	49.651	ug/l	99
22) Diisopropyl ether	3.83	45	725372	50.753	ug/l	100
23) Vinyl Acetate	3.79	43	3285844	258.373	ug/l	100
24) 1,1-Dichloroethane	3.67	63	411833	50.620	ug/l	99
25) 2-Butanone	4.64	43	895887	244.330	ug/l	98
26) 2,2-Dichloropropane	4.56	77	307760	46.492	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	245820	47.778	ug/l	99
28) Bromochloromethane	4.98	49	202101	51.463	ug/l	99
29) Tetrahydrofuran	5.09	42	569398	243.942	ug/l	97
30) Chloroform	5.18	83	436702	51.839	ug/l	99
31) Cyclohexane	5.55	56	333704	48.693	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	403012	52.130	ug/l	99
36) 1,1-Dichloropropene	5.77	75	304156	50.468	ug/l	99
37) Ethyl Acetate	4.80	43	347880	49.700	ug/l	99
38) Carbon Tetrachloride	5.75	117	377707	55.612	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	330523	50.155	ug/l	96
40) Benzene	6.11	78	892879	50.420	ug/l	98
41) Methacrylonitrile	5.01	41	192387	50.058	ug/l	98
42) 1,2-Dichloroethane	6.17	62	368542	54.318	ug/l	98
43) Isopropyl Acetate	6.42	43	562683	49.770	ug/l	99
44) Trichloroethene	7.19	130	250861	50.135	ug/l	100
45) 1,2-Dichloropropane	7.49	63	241061	50.507	ug/l	97
46) Dibromomethane	7.64	93	167704	49.967	ug/l	99
47) Bromodichloromethane	7.88	83	355668	53.073	ug/l	97
48) Methyl methacrylate	7.75	41	282272	50.154	ug/l	98
49) 1,4-Dioxane	7.71	88	102201	1002.485	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1819522	260.541	ug/l	100
52) Toluene	8.77	92	574942	51.201	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	381044	51.303	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	391902	49.810	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	245007	51.159	ug/l	98
56) Ethyl methacrylate	9.16	69	374880	52.655	ug/l	98
57) 1,3-Dichloropropane	9.35	76	401894	50.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	757380	236.482	ug/l	99
59) 2-Hexanone	9.48	43	1401520	263.927	ug/l	100
60) Dibromochloromethane	9.57	129	306972	54.640	ug/l	99
61) 1,2-Dibromoethane	9.65	107	267231	51.397	ug/l	97
64) Tetrachloroethene	9.32	164	236435	49.997	ug/l	98
65) Chlorobenzene	10.12	112	643848	50.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	264887	52.291	ug/l	98
67) Ethyl Benzene	10.24	91	1135087	51.932	ug/l	99
68) m/p-Xylenes	10.34	106	855246	104.834	ug/l	98
69) o-Xylene	10.68	106	413162	52.243	ug/l	98
70) Styrene	10.70	104	718423	53.344	ug/l	98
71) Bromoform	10.84	173	239145	55.348	ug/l #	97
73) Isopropylbenzene	11.00	105	1143956	49.889	ug/l	100
74) N-amyl acetate	10.88	43	516010	47.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	371387	45.913	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	350073m	45.269	ug/l	
77) Bromobenzene	11.24	156	306200	48.309	ug/l	96
78) n-propylbenzene	11.34	91	1308914	50.273	ug/l	99
79) 2-Chlorotoluene	11.40	91	794716	49.405	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	972075	51.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	131489	45.923	ug/l	97
82) 4-Chlorotoluene	11.49	91	937549	49.028	ug/l	100
83) tert-Butylbenzene	11.76	119	969208	52.121	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1005908	52.215	ug/l	99
85) sec-Butylbenzene	11.93	105	1087024	51.404	ug/l	99
86) p-Isopropyltoluene	12.05	119	1032520	53.156	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	525112	47.187	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	532304	47.773	ug/l	97
89) n-Butylbenzene	12.37	91	882707	49.788	ug/l	99
90) Hexachloroethane	12.58	117	204372	53.477	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	513587	49.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98184	48.545	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	342564	49.041	ug/l	98
94) Hexachlorobutadiene	13.77	225	141637	51.407	ug/l	97
95) Naphthalene	13.82	128	1144271	49.775	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	338176	48.996	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

